

FIG. 1A

```

1  TTTCTCACTGACTATAAAAGAATAGAGAAGGAAGGGCTTCAGTGACCGGCTGCCTGGCTGACTTACAGCAGTCAGACTCTGACAGGATC
91  ATGGCTATGATGGAGGTCCAGGGGGGACCCAGCCTGGGACAGACCTGCGTGCTGATCGTGATCTTCACAGTGCTCCTGCAGTCTCTCTGT
1  MetAlaMetMetGluValGlnGlyGlyProSerLeuGlyGlnThrCysValLeuIleValIlePheThrValLeuLeuGlnSerLeuCys
181 GTGGCTGTAACCTTACGTGTACTTTACCAACGAGCTGAAGCAGATGCAGGACAAGTACTCCAAAAGTGGCATTGCTTGTCTTAAAAGAA
31  ValAlaValThrTyrValTyrPheThrAsnGluLeuLysGlnMetGlnAspLysTyrSerLysSerGlyIleAlaCysPheLeuLysGlu
271 GATGACAGTTATTGGGACCCCAATGACGAAGAGAGTATGAACAGCCCCTGCTGGCAAGTCAAGTGGCAACTCCGTCAGCTCGTTAGAAAG
61  AspAspSerTyrTrpAspProAsnAspGluGluSerMetAsnSerProCysTrpGlnValLysTrpGlnLeuArgGlnLeuValArgLys
361 ATGATTTTGAACCTCTGAGGAAACCATTTCTACAGTTCAAGAAAAGCAACAAAATATTTCTCCCTAGTGAGAGAAAGAGGTCCTCAG
91  MetIleLeuArgThrSerGluGluThrIleSerThrValGlnGluLysGlnGlnAsnIleSerProLeuValArgGluArgGlyProGln
451 AGAGTAGCAGCTCACATAACTGGGACCAGAGGAAGAAGCAACACATTGTCTTCTCCAACTCCAAGAATGAAAAGGCTCTGGGCCGCAAA
121 ArgValAlaAlaHisIleThrGlyThrArgGlyArgSerAsnThrLeuSerSerProAsnSerLysAsnGluLysAlaLeuGlyArgLys
541 ATAAACTCCTGGGAATCATCAAGGAGTGGGCATTTCCTGAGCAACTTGCACTTGAGGAATGGTGAAGTGGTCATCCATGAAAAGGG
151 IleAsnSerTrpGluSerSerArgSerGlyHisSerPheLeuSerAsnLeuHisLeuArgAsnGlyGluLeuValIleHisGluLysGly
631 TTTTACTACATCTATTCCCAAACATACTTTTCGATTTCAGGAGGAAATAAAAGAAAACACAAAGAACGACAAACAAATGGTCCAATATATT
181 PheTyrTyrIleTyrSerGlnThrTyrPheArgPheGlnGluGluIleLysGluAsnThrLysAsnAspLysGlnMetValGlnTyrIle
721 TACAAATACACAAGTTATCCTGACCCTATATTGTTGATGAAAAGTGTAGAAATAGTTGTTGGTCTAAAGATGCAGAATATGGACTCTAT
211 TyrLysTyrThrSerTyrProAspProIleLeuLeuMetLysSerAlaArgAsnSerCysTrpSerLysAspAlaGluTyrGlyLeuTyr
811 TCCATCTATCAAGGGGGAATATTTGAGCTTAAGGAAAATGACAGAATTTTTGTTTCTGTAACAAATGAGCACTTGATAGACATGGACCAT
241 SerIleTyrGlnGlyGlyIlePheGluLeuLysGluAsnAspArgIlePheValSerValThrAsnGluHisLeuIleAspMetAspHis
901 GAAGCCAGTTTTTTTCGGGGCCTTTTTAGTTGGCTAACTGACCTGGAAAGAAAAAGCAATAACCTCAAAGTGACTATTTCAGTTTTTCAGGAT
271 GluAlaSerPhePheGlyAlaPheLeuValGlyStp
991 GATACACTATGAAGATGTTTCAAAAATCTGACCAAAACAAACAAACAGAAA

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FIG. 1B

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41BBL 80 DPAGLLDLRQGMFAQLVAQ-----NVLLIDGPL-----SWYSDPGLAGVS[LTG]-GLSYKEDTKELVVA
OX40L 52 VSH---RYPRIQSIKVQFT-----EYKKEKG-----F--ILTS---QKEDE-IMKVQNN--SVIIN
CD27L 45 QQQLPLESLGWDVAELQLN-----HTG[PQ]QDPRL-----YWQGGPALGRS[FLH]-[GPE]LDKG--QLRIH
CD30L 87 LCILKRAPFKKSWAYLQVA-----KHLNKTCL-----SWNKD-----GILH--GVR[Q]DG--NLVIO
TNF 77 VRSSSRTPSDKPVAVHVVAN-----PQAEQQL-----QWLNRRAN--ALLAN-GVE[LR]DN--QLVVP
LTb 77 EEPETDLSPGLPAAH[LI]GA-----PLKGQGL-----GWETTKEQ--AFLTS-GTQ[FS]DA-EG[L]ALP
LTa 52 PKMHLAHSTLKPAAH[LI]GD-----PSKQNSL-----LWRANTDR--AFLQD-GFS[LS]NN--SLLVP
CD40L 113 MQ--KGDQNPQIAAHVISE-----ASSKTTSVL-----QWAEKGY--TMSNN-LVT[LE]NG-KQLTVK
Apo1L 134 PSPPPEKKELRKVAH[LT]GK-----SNSRSMPL-----EWEDTYGIV-VLLS--GVK[KK]G--GLVIN
Apo2L 114 VRE---RGPQRVAAHITGTRGRSNTLSSPNSKNEKALGRKINSWESSRSGH-SFLS--NLH[LR]NG--ELVIH

41BBL 137 KAGVYVYVFFQLELRV[V]AGEGS----GS[MS]LALHLOPLRS[AAGAA]ALATVVDLPPAS-----
OX40L 97 CDGFY[LI]SLKGYF-SQE-----VNISLH-YQKDE--EP-LFQLKKVRSVN-----
CD27L 100 RDGIYMVHIQVTLAICSSTTASRH--HPTTLAVGICSPAS---RSISLLRLSFH-----
CD30L 135 FPGLYFIICQLQFLVQCP-----NNSVDLKLELLINKHI---KKQALVTVCES-----
TNF 128 SEG[LY]LIYSQVLFKGGQCP-----STHVL[LT]HTISRIAVSY--OTKVNLLSAIKSPCQRETPE---
LTb 129 QDGLY[LY]CLVGYRGRAPPGGGDPQGRSVTLRSSLYRAGGAYGPGTPELLLEGAETVTPVLDPARR
LTa 103 TSGIYFVYSQVVFSGKAYS[PKAT]--SSPLYLAHEVQLFS[SOY]-PFHVPL[LS]SQKMVYPGL-----
CD40L 165 RQGLYIYIAQVTFCSNREA-----SSQAPFIASLCLKSPGR--FERILLRAANTHSSAK-----
Apo1L 186 ETGLYFVYSKVYFRGQSC-----NNLPLSHKVYMRNSKY-PQDLVMMEGKMMSYCTT-----
Apo2L 178 EKGFIYIYSQTYFRFQEEIKENTK--NDKQMVQYIYKYTS-Y-PDPILLMKSARNSCWSKDA----

41BBL 190 ----SEARN[SAFGFQGR]LHLS-AGQRLGVHLHTEARARHAWQLTQGATVLGL[FRV]TPEIPAGLPSRSE
OX40L 137 ----SLMVASLTYKDK----VYLNVT[DNT]-SLD[DF]HVNGGELILIHQNPGEFCVL
CD27L 149 ----FHQGCTIVSQRLTP[PLAR]--GDTLCTNLTGTL-LPSRNTD-----ETEFQVQWVRP
CD30L 180 ----GMQTKHVYQNL[SOFL]LDYLQVNTTISVNVDTFQYI-DTSTFPLEN--VLSIFLYSNSD
TNF 184 GAEAKPWYEP[PIYL]GGVFQLEK--GDRLSAEINRPDYL-DFAESG-----QVYFGI[IAL]
LTb 195 QGYGPLWYTSVGF[GG]LVQLRR--GERVYVNI[SH]PD[MY]-DFARG-----KTEFGAVMVG
LTa 160 ---QEPWLHSMYHGA[FQ]LTQ--GDQLSTHTDGIPH[V]LSPST-----VVEFGAFAL
CD40L 217 ----PCGQ[QSIH]LGGVFELQP--GASVFNVTDP[SQV]SHGTG-----FTSFGLLKL
Apo1L 237 ---GQMWAR[SYL]GAVFNLTS--ADHLYVNVSEL-SLVNFEES-----QTFEGLYKL
Apo2L 236 ---EYGLY-SIYQGGIFELKE--NDRI[FV]SVTNE-HLIDMDHE-----ASFFGAFLVG

```

FIG. 1C

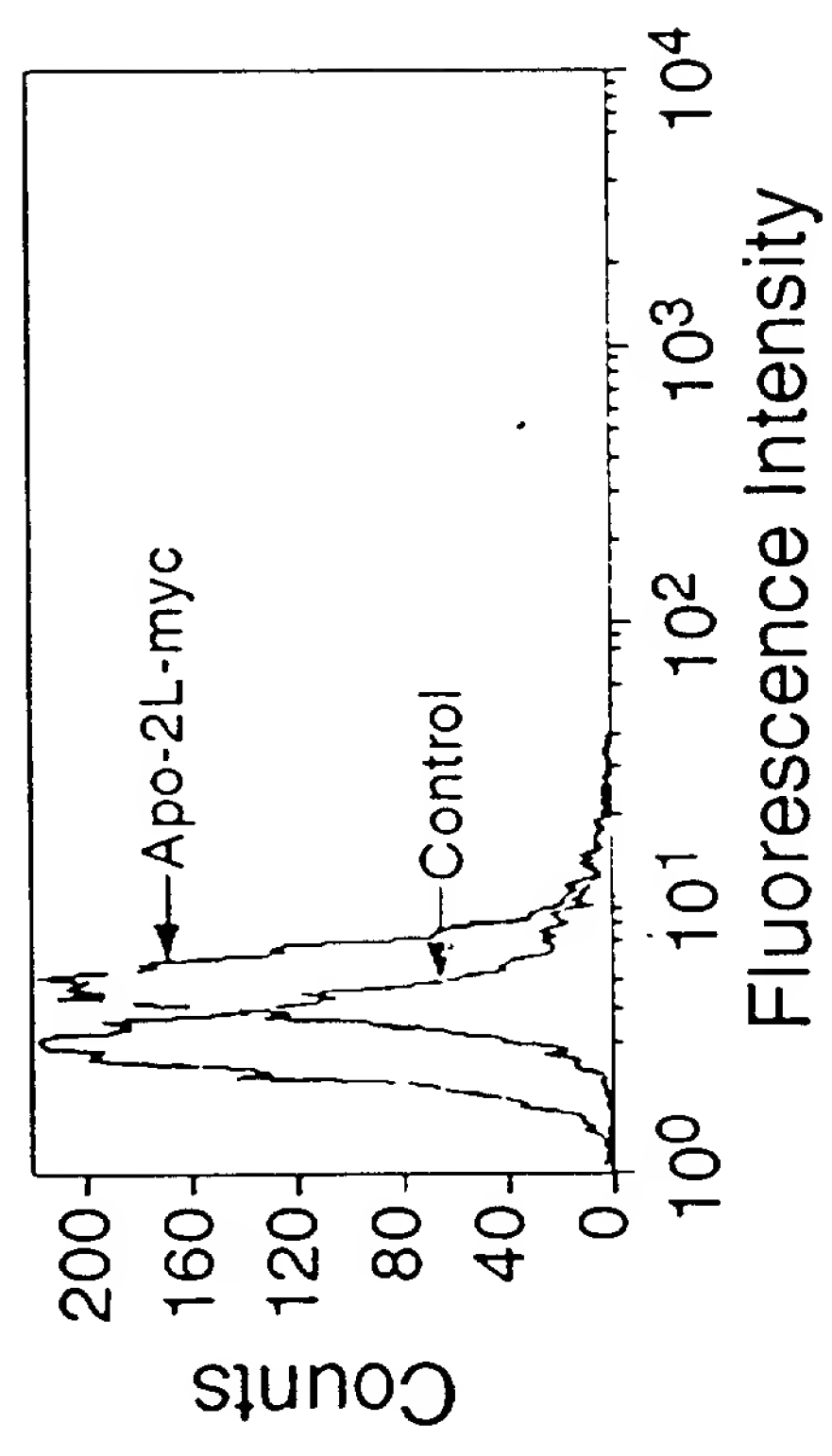


FIG. 1D

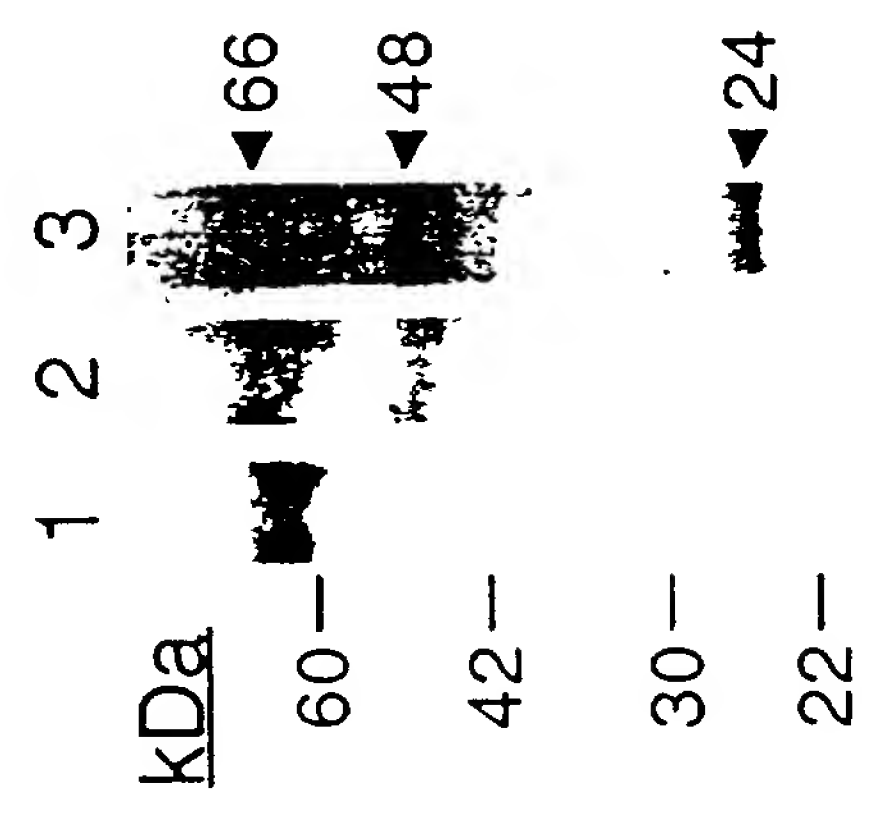


FIG. 1E

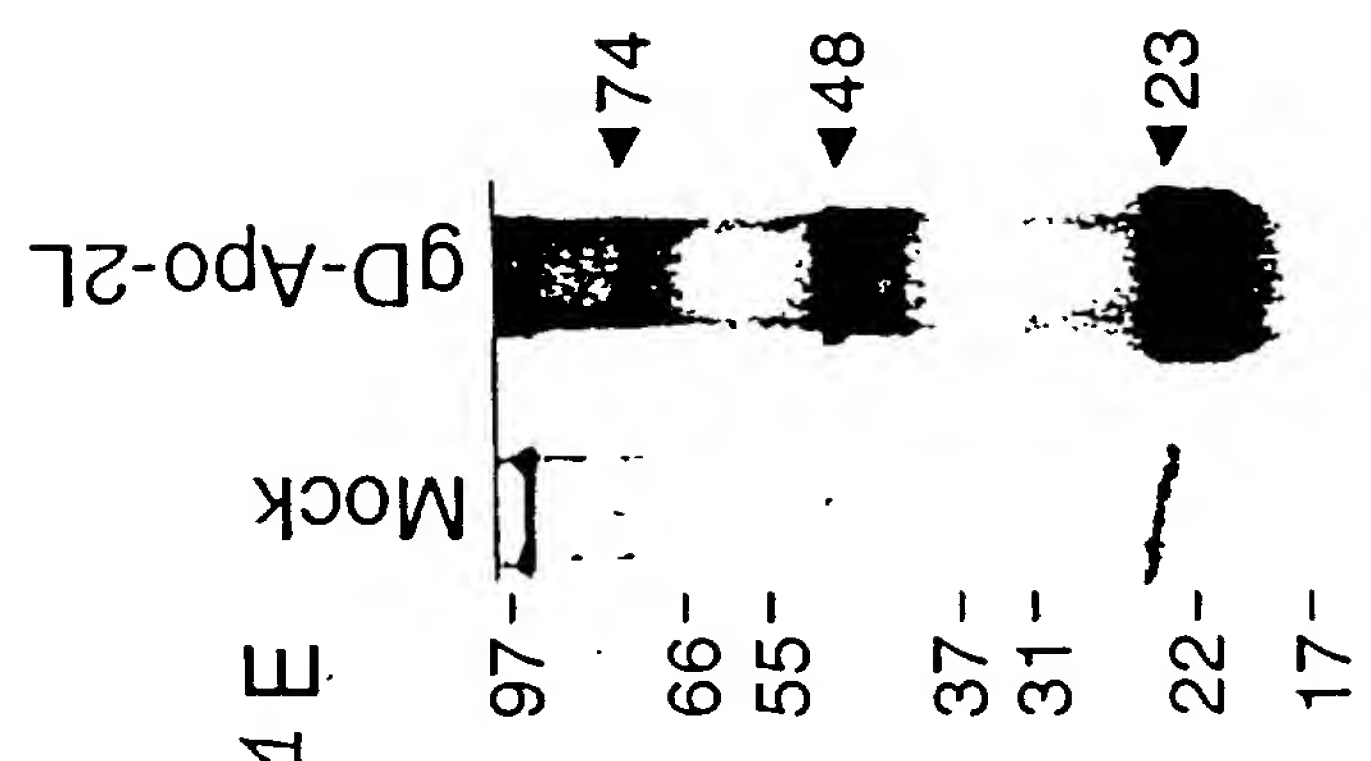


FIG. 2A 9D cells

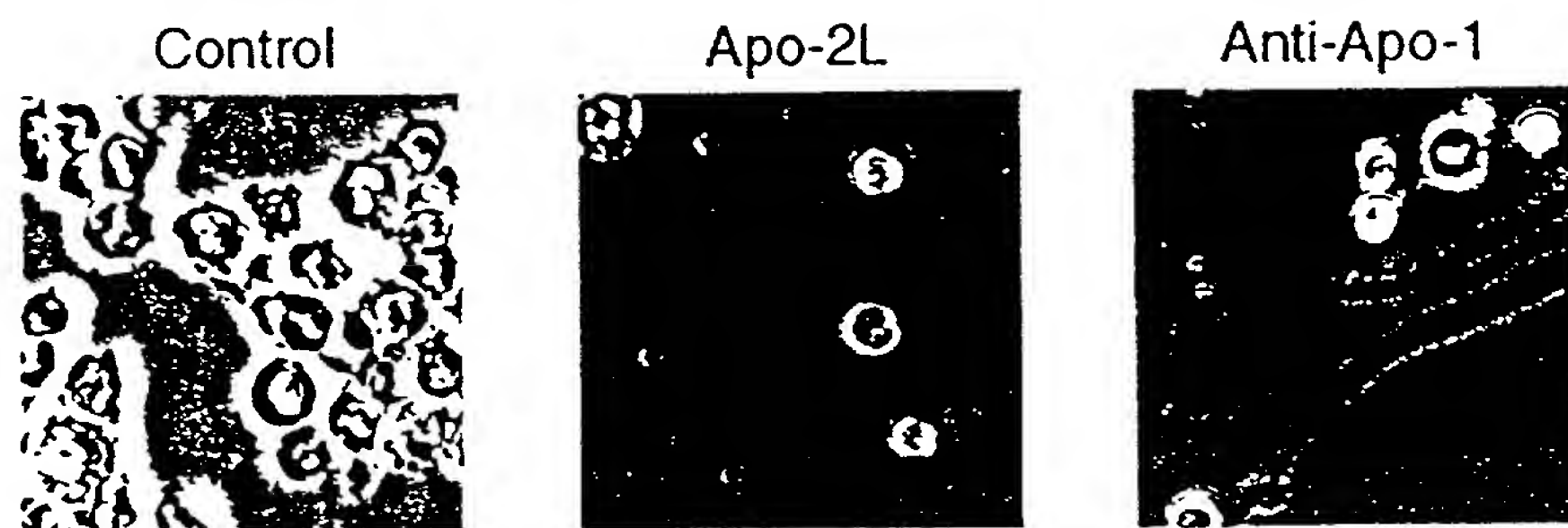


FIG. 2B 9D cells

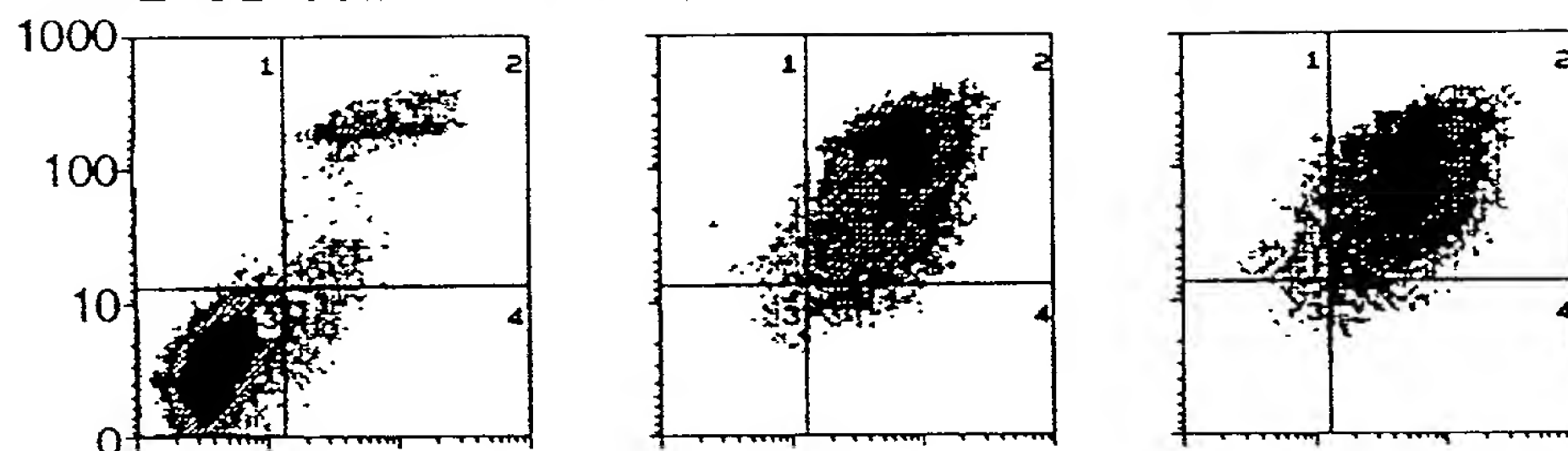


FIG. 2C Raji cells

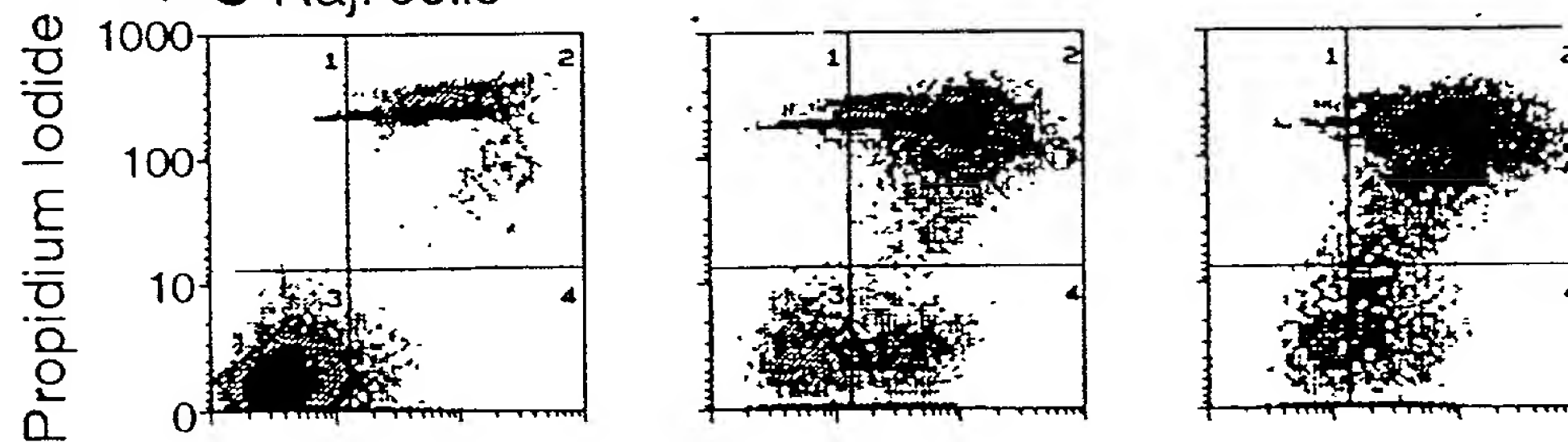


FIG. 2D Jurkat cells

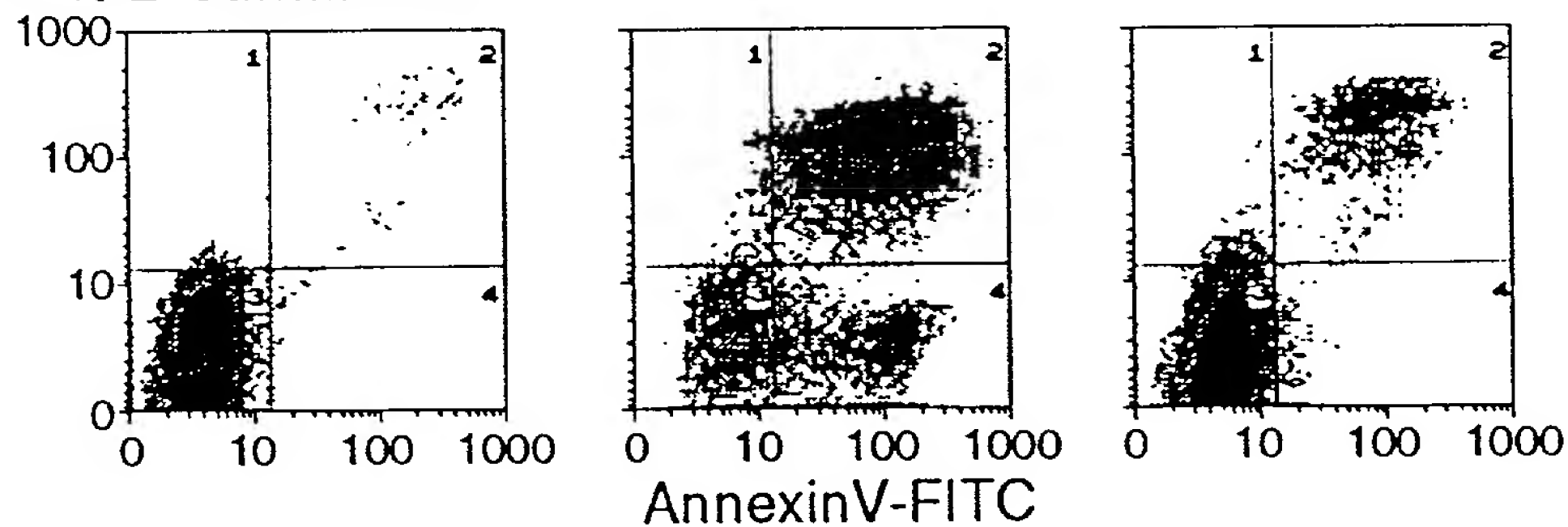


FIG. 2E



FIG. 3 A

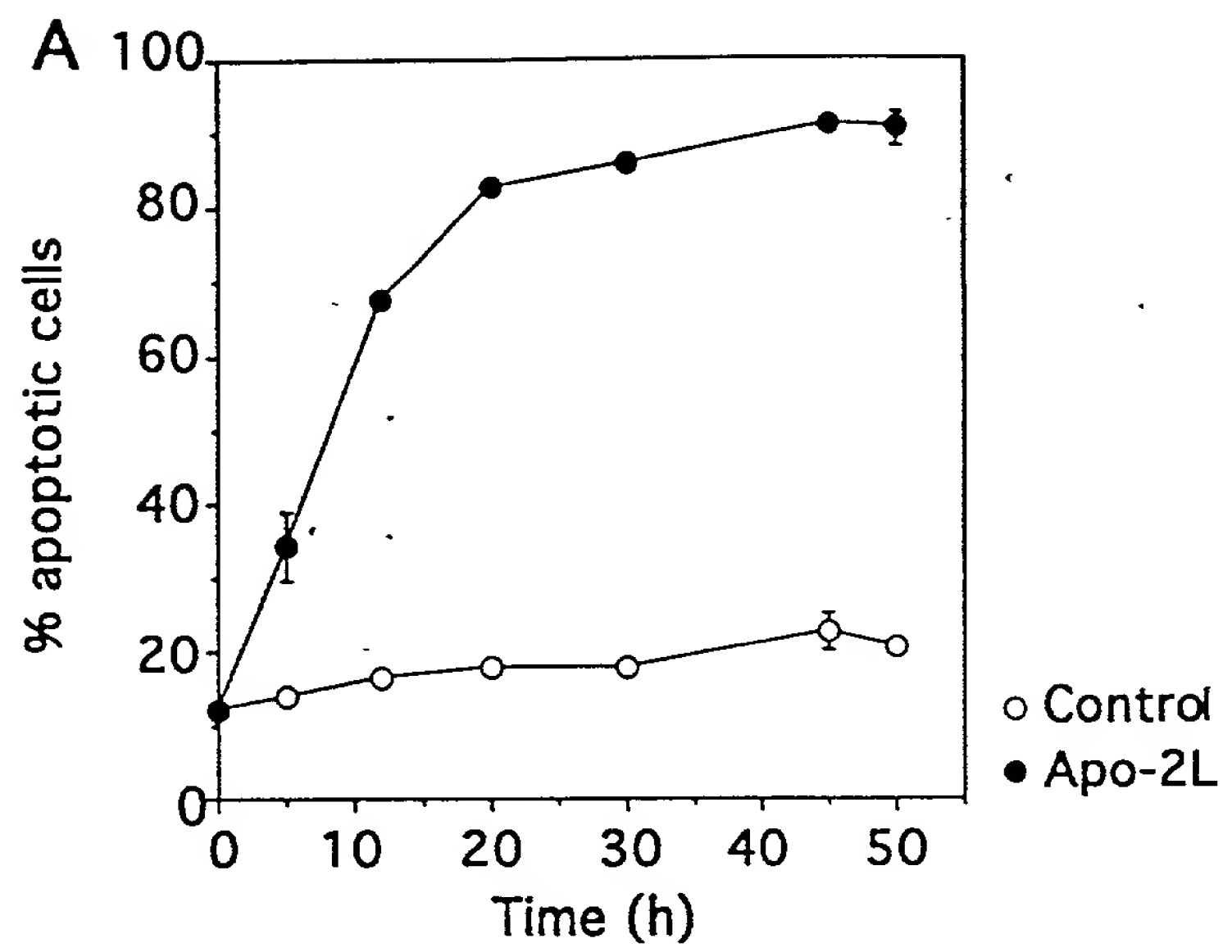


FIG. 3 B

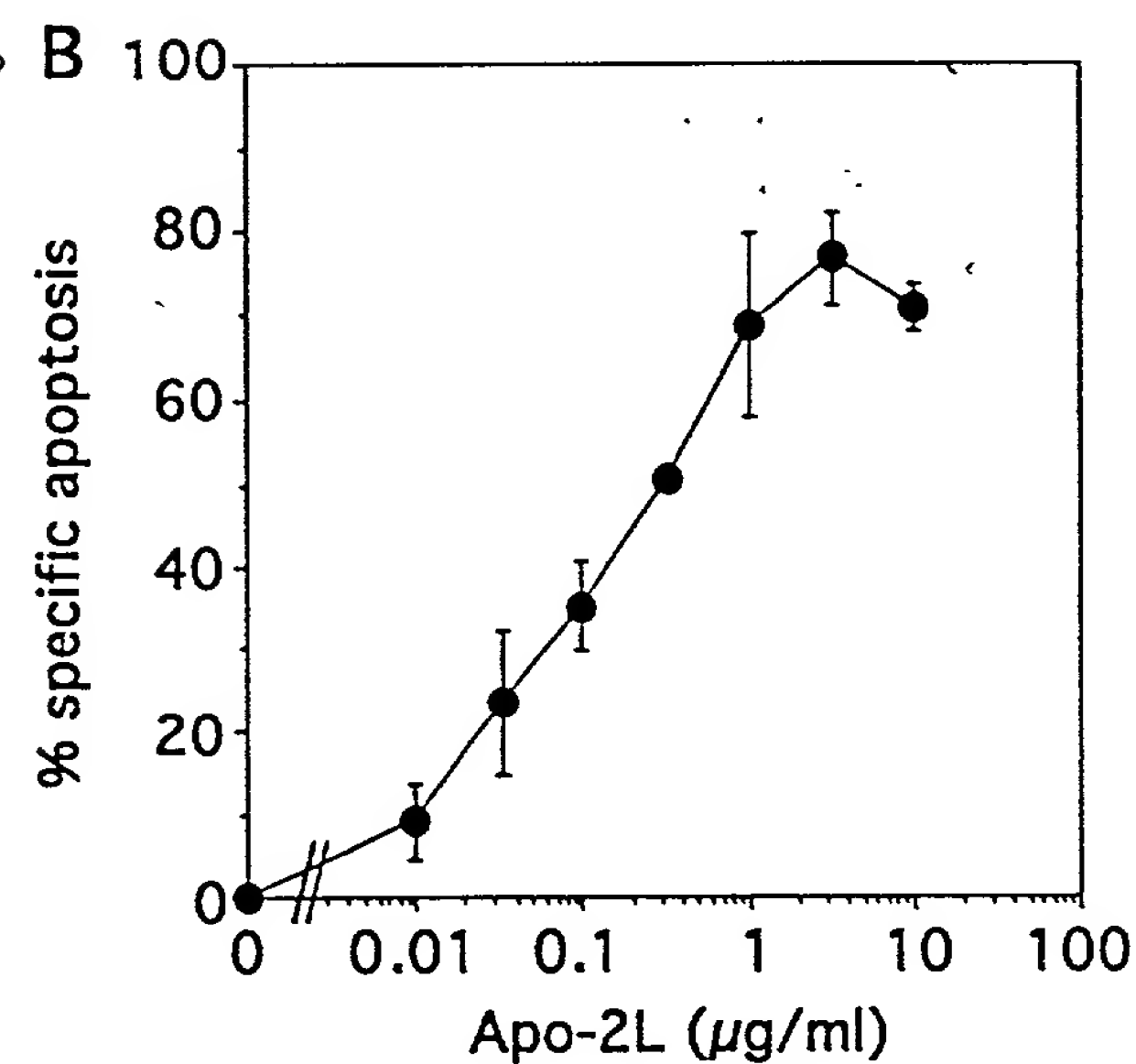


FIG. 3 C

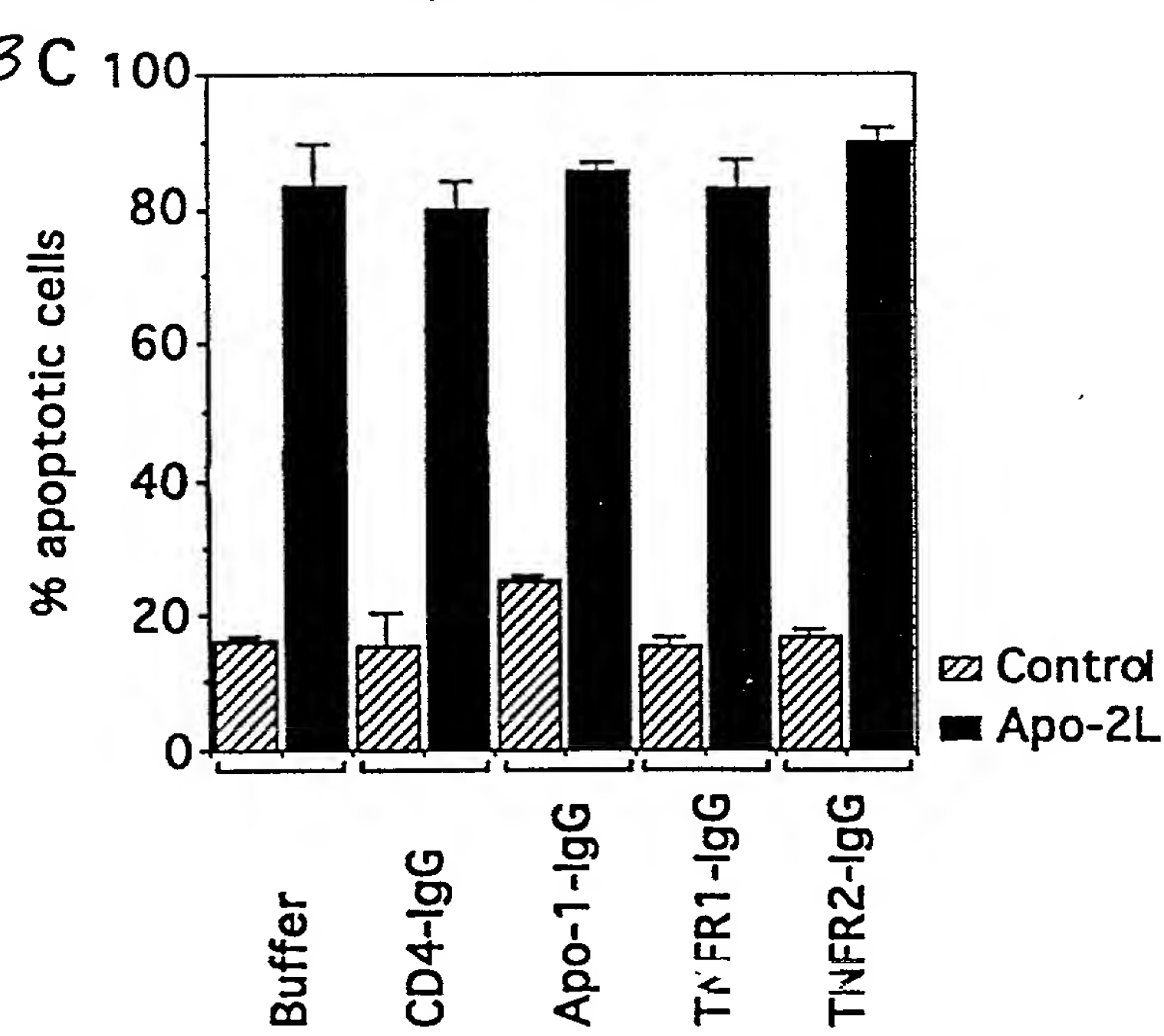


FIG. 4

